

MBRB3045

Rev. A Oct.-2021



DATA SHEET

A	2020.05.26	ALL	BRLV 30T50ABD MBRB3045		
SH-A	2020-5-27		MBRB3045		
A	2021-10-14	all			

/ Descriptions

TO-263 Schottky Barrier Diode in a TO-263 Plastic Package.

/ Features

Low forward voltage drop, low power losses, High efficiency operation. HF Product.

/ Applications

For use in solar cell junction box as a bypass diode for protection, For use in high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and reverse battery protection.

/ Equivalent Circuit

/ Pinning

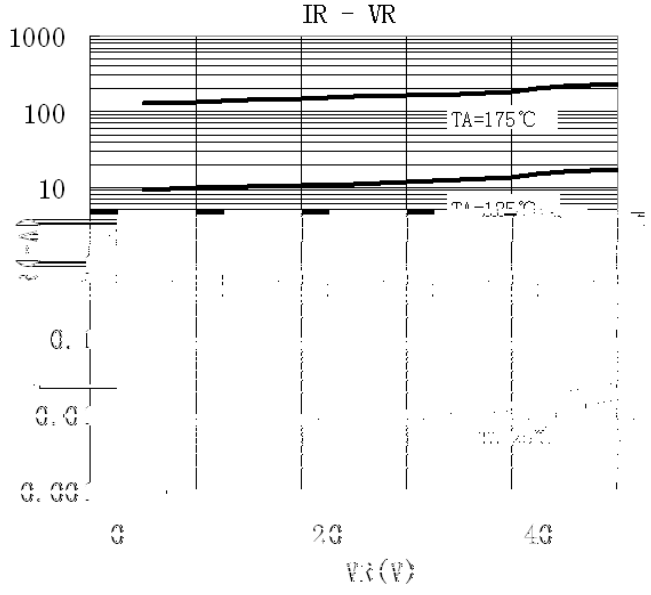
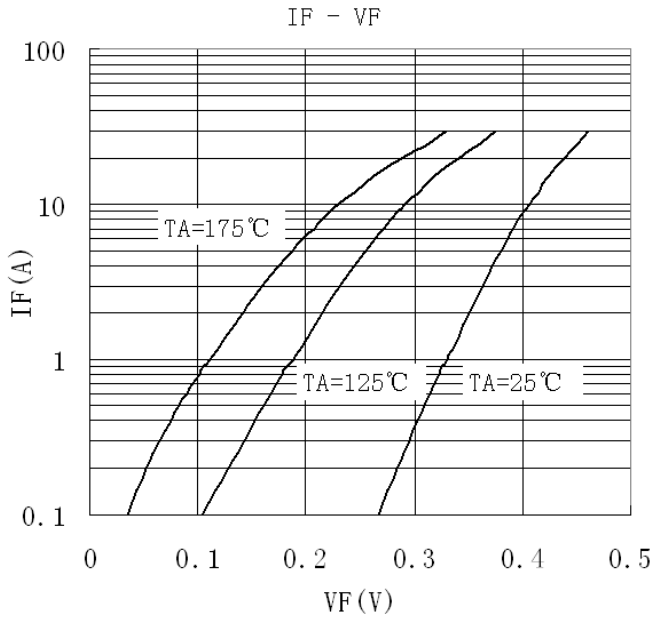


PIN1J Anode PIN 2K 4J Cathode PIN 3J Anode

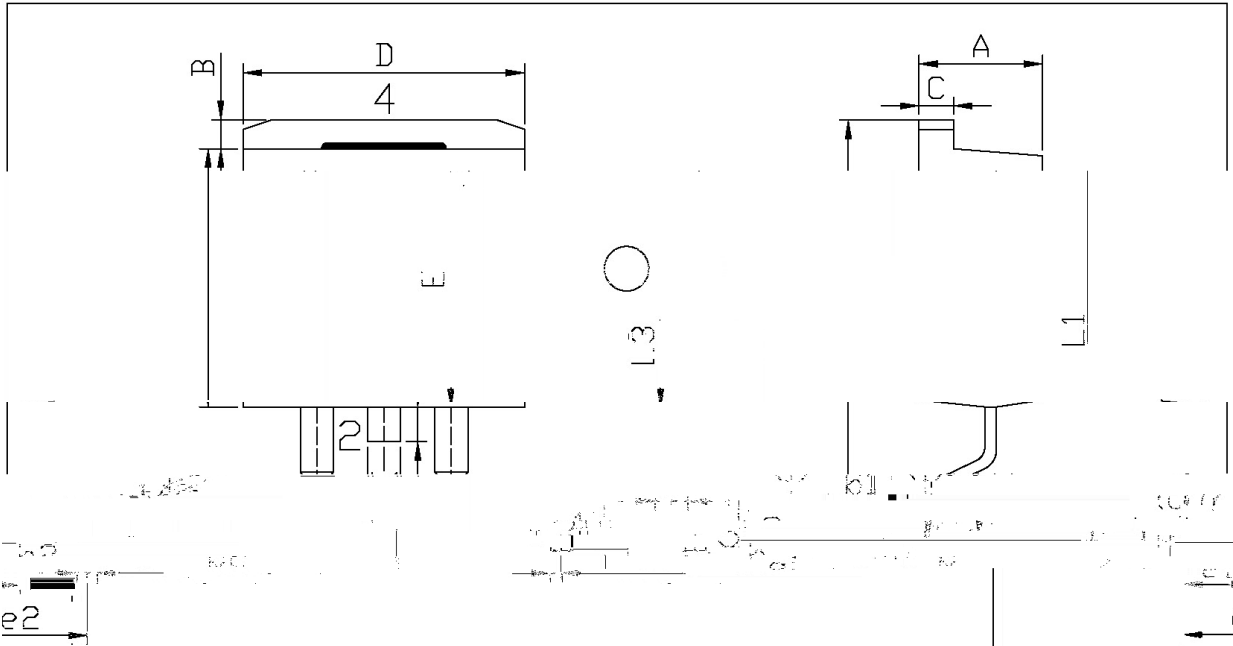
/ h_{FE} Classifications & Marking

L MN O P fi See Marking Instructions.

/ Electrical Characteristic Curve



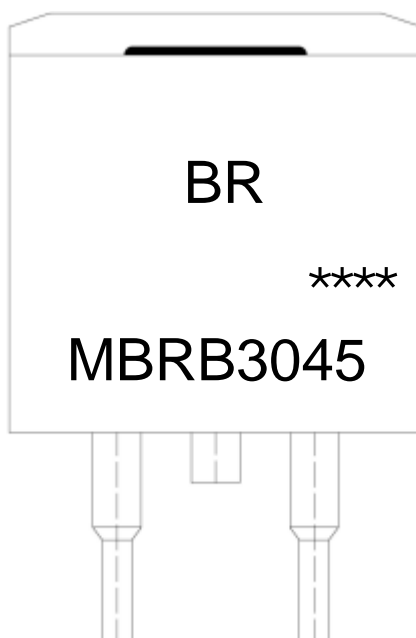
/ Package Dimensions



A	4.80	4.70	B	9.00	9.40
C	0.70	0.90	D	4.80	6.00
E	0.62	0.40	L1	2.24	2.84
L2	0.20	0.40	L3	1.60	1.60
L3	0.00	1.00			

TI-253

/ Marking Instructions



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MBRB3045

Note:

BR: Company Code

MBRB3045 Product Type Code.

****: Lot No. Code, code change with Lot No.

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